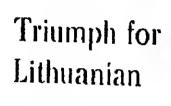


TOURNAMENT SOVIET NATIONS: **BIG SUCCESS**

The participants and guests of the finals of the file formament of Seviel Mallons, whon 32 sperts are ployed from Mey 11-August 5. usenimously ecclelmed the Toureament as baing nothing short of a speciacular sucby upwards of 95 million rible. los and sports anthusiasis who compaled in the faurnement's earlier stages.

The keenly contested itesis, which iraquontly regained ontrents to set would or nellonal eow names of graat international promise and ware a lilling cisimination of this mast popular spoiling contast in the

The young people from 56 countries who allended gave the Yournameel an international dimonsies end IOC prosident Juan Antoelo Semaranch eppropriately underscered its big contribution to the promotion of the Olympic mevement.



soccer Lithnamnn femballers oulplayed the Russen Federotton 1-0 In the Lenn Central Stadium to pick up the feurnament of Soviet Nations tille. Inking part were under 20 players, end

atiundani Iresh telent. This is Lithuanta's little each title. They will all receive the "Master el Sport el the USSR" ranking. The Russian Federation was thus resigned to silver, and Mescew trailed lot bronze.

specialists and lans alike gol a

good indication of this country's

Handball

le a most exciting encounter, the Uktaine beat Lithuania 21—16 te win the Tournameet title for men's handball. The Ihird placed Susalan Federetion edged Mescow 31-29, depriving the ell-timo

Tousnament winners el ony The Ukiainion women's elde have sewn up the title, too.

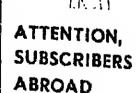
CANADA

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353 West Pender Sir

Varcouver J. B C. V68 173



DEAR READERS.

The Paspio's Cooperative "MN information" cames out on Yuesdays and Salurdays and ollers in briot the latest leterresides on ovents in the USSG and in the world reported by TASS and foroign news agencies.

© l'krainske Knyke, 967 Oloor Sireat, West Toronie, Osterio MôH 1L6 Nothing short of the material carried in the additions of both "Moscow Nows" and "MN in-O froyke Limited, 799 Collego Sit., Toronto, Ont., M&G 1C7





Litheaniao loatbali playera with the wlasers' cup. 🌑 Juhliant lans.





Talyane Alyabyeva, the Russiau Fedarellee, winner of the force-metre apriluphoard even \$1. Toursament samps bout is the usder-62 kg divisios. • 100 m heesiyle where Sergel Samp

Grand slam for 18-year-old Natalya Yurchenko

Natalya Yurchenko, 18, Irom Rostov au Don | Russian Federation) has swept all of the Tournament's six gold awards for gymnastice — the all-reund title, law individual evenis, and the Russian Federation team title. We duly congralulate her cench Stanislav Rastoralsky.

TAME TO SE

16-year-eld Muscovite Dmitry Biluzeichev laok the men's all-round title, becoming the youngest tup all-rounder in Soviel gymnastics history, and with a record-breaking total of 117.1 poluls, while the Suesian Pederalian won the team title. Bilozerchev won the floor exercises, the pommel herse, and the herizaniai bar; Yuri Kotolyay teek the fleor exercises and the parallal hara, Arlur Akopyan Iriumphed in the vault, Yuri

Dressage honours for the Ukraine

be taken out with the lotNisso-Yesho Ltd.,
1-5-16 Suldo, Bunkyo-ku,

S.A.g.

The beautiful mounts celled Barbarts, Plot, end Rukb brought the Ukraine their trist dressage Teurnament title yel. 1980 Olympic leam award winners Yud Kevshav and Vota Misevich and up and coming Olga Klimko amassed 4,920

Balabanav was the tap rings periormer, and Viadimir Arieinyev excelled on the parallel

The Tournament, which had a pragramme not unlike that at the world champienships, drew aver 200 Soviet entrants and visiters from 12 countries, with Hungary, Cube, Gemeale, the GDR, and Czochoslovakia providing award winaeta.

There was no competition to apeak al in the men's individual litte sace, as 1983 European lap all-tounder and "Moscov News-83" prize winnas Bilozerchev outstripped by neerly two paints runner-up Yuri Koro-lyov, 1981 warki lap all-rounder, who acored 115 225, due in large measure to line consistency and lack of errors.

points in the most puntahing

second place with 4,779 points, ond Moscow legged behind

2-30-19 Minami-Ikobukuro,

2-chome, Toshime-ku

Arabe Syrice paur

• Theisov Co., Eld., 190, Siam Sausie, Soi 3 Some I Soed

dos Imprimés

Domas SAR

YHAILAND

tures of them all. event of the programme, the Grand Prix, which fully corresponds to the Olympic one. The Russian Pederation trailed for

nnw know los eusa, ore intally againal wor.

Sappi Nurminen (Floland), ANTEREST PER ESTE PER ESTE ESTE A TOTAL SOME AUTOMORISMON ANTERIOR DE LA COMPANSIÓN DE LA COMPANSIÓN DE LA COMP

Mosses Yomel Dagitim
Yorebalen Ceddesi Bey og lu Han No. 5/2, Cegelogiu. Istanbul

Fai Festorn Booksellers. Kanda P Q B. No. 72, For all questions lavolving can-Tekyo 100-91 receipt of the poper, delivery of the paper to a new oddress, etc., please coolect the Hrm from whom you ebtaleed the L'Elablissomeni

subseription.

DEAG GEADEGSI in elher countries, subscription for "MN intermellen" can be laken eul with companies which de business with V/O Mezhdunerodneya Kniga. The "Moscow News" waekly is available in Russian os Wolf. Centaci the scription for Sevier periodicals. subscribe:

Visitors' views on the Tournament

Maria Moschalinu (Greece), Olympian High Priestosa.

The Iwo weeks I epent in the Soviel Union at the Invitation at the USSR Sports Committee passed like a dream,

I, who lit the 1980 Moscow Olympica Ilame on the accred Olympia, was infortinate to miss the Games, but your alhieles end lacilities end the Tellmament of Soviet Notiens give me a fair idea et what a marginal and the control of marvellaua event it was.

I was lascinated by your amnzing hudding gymneals, who loke the phenomenally punishing exercises in their eitide and by the skille and grece of vanir lemale hockey players who have introduced this line apost to mel I would like maku aculp-

But what lascinated me most were the Soviel people, their open hearts, and their hospitality in their guests and who. I

I was greatly impressed by

acale of the Tournament art

composition. For all the edit

Il was an excellent its

strength in the runing lo

1903 worth championship

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Prenk Taylur | Britaink

Such Tommaments let

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Various countries.

Président:

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EDITORIAL BOARD

Address: 16/2 Gorky St Hesti Printed of the "Isverilla" Hit Mescow, USSR-Published Yuesday and Sain Indes \$0078:

MN INFORMATION NO

At its ragular weekly meeting the Pelitbureau of the CPSU Cantral Cammittee discussed and opproved the rosults of the meeting balween General Sacralary of the CPSU Central Committee Yuri Andrepev and Commade Alvare Cunhal, General Secratary of the Portuguese Communist Parly. There was high praise for the lact that the moeting had confirmed the two parties' unanimity ever the impertant issues of the struggle for peace and the prevention at nuclear war, and their determination to continue to develop pretitable ceeperation on the basis of the principles of Marsism-

Leninism and el praietarian internationalism.

The Polithureau considered progress on implementation el lhe Food
Programme targets lar expended production and increesed deliveries el mineral fartifizer and ether means of chemicelization for agriculture.

Alse examined and appreved were prepasals from the Council of Ministers of the USSR for reising the efficiency of themselves and other settlements in this country. Their implementation will enable us to considerably improve the prevision of thermal power to cities and ether populated areas.

Other matters roleting to internal and International affairs were likewise Cansidorad.

Peace activists march on Washington

No. 62 (477), AUGUST 13-15, 1983

New York. "Ne te nuclear waspond", 'Prayent the deployment of new American missiles la Westero Europol", are fait some of the slogans highlighting Peace March 83, memmed by Standinavian weinen on an Oslo-Washington toute.

At a press conference here women activisia trom Denmark. Pinland, Iceland, Norway, and Sweden sounded their grave anxiely over the escalatting would tension raused by the US mil'tary bolld up. The chief goal id millions of people on carth is to talegraid peace and prevent out planet being turned into A nuclear cemetery, stressed Notsegan prace advocate. Torill Bis. A colleagua emplia-ized that one of the main aims of

their and was movement was to pul an end to the production, testing and deployment of ell types of nuclear weapons.

्यक्ष विविधनम्

Afte 5 kopaks

A statement issued by the marchets notes that 75 per cent ol Dotch and 70 per cent of Morwegians are against the deployment of American Pershing 2 and conise missiles in Europe. Petitions protesting against the deployment have already been signed by 1,000,000 residents to Sicily, which is planned to host some of the missiles. Over 150 municipal councils in Butam havo declared their cities nuclear-free 2000s, while two thirds of the British population are opposed to the deployment of cruise ars-

CHURCHMEN VOTE FOR PEACE

Vancouver. At the first ended th assembly of the World Council of Churches, religious leaders Iroto 100 mattens ritscased moves to take to evert suclest war and preserve pence on this planet. A statement passed by an overwhelming belonity of votes configured the nuclear arms race mind branded the production, deployment, and possible uso of such weapons as "ccluses ogainst

Under no conditions can not dear was be lair or justilierl, stressed the document ut the assembly, which urged the govenments of all nations in possession of such weapons timeondilenally to shandon the net-dest first-sirike electring. The

delegates rejected speculation no the possibility of a "butterl" uso of nurbar weapons, describing fids as extremely dangeions. In this respect the Council vigorously protested NATO's plans to deploy the new generation American nuclear medium rango missiles in Entope. The assembly voiced its op-

position to US initiary interferonce in Central America and condenined Wishington's oflempts to desintalize the legitlmale preventment in Nicotagua, cule in Guatemata and El Salvador practised by the pro-American regones against their own perple.

Vallmir BALYBERDIN: there were 32 starters—but now there are many more of us The Soviet members of the

lelamational Muscaw-Washingion "Bike for Penco-83" tour have come home ofter crossing live countries under the ecorchlog sun and mercilese ilown-Pour covering o punishing 2340 km together with followfiders hom Norway, the US, Finlend, and Swedeo. On the tray they gathered algustures on their "Appeal to the United Mallons and the peoples of tho world", urging the leaders of steel powers to esponsibility to homonkind to arest nuclear war. It olso urges

the leaders of all nations. winten, men, and youth in share this responsibility with the great pewers, intensilying foint action

for peece.
Thousands of people signed the Appeal, among their mayors of over Gil cities, governoro of provinces, MPs, and public organizetinna activists. Al o ceremony in the UN New York headquerters the Appeal was handed over to UN Sacrolary-Generol Javier Perez

do Cuellor. In accepting it, he stressed that the drive lo (Continued on page #1



The Soviet cyclisis who took part in the "Biko for Peace-83" tour the back home egain.

The US and France are stepping up their military interference in Choo. The Pentagon has dispatched post haste to the country heavy ertillery and so called instructure, who are in elect regular troops, About 200 French paratrenpers have also arrived at N'Djamena. William the transework of the tatercentionist operation torphonented by Paris, the Prench expeditionary force in Chad to in be brought up to a total of SUII mon.

French utilizers with cummand Habit troops and the military canlingests from Zahe and certain other Alchem states which are tak-

ing part in the conflict. in the photo: French paratruopers before dispatch from Youlouse.

ROUND INDIA'

This is the name of on exhibitime which has opened at Priendship House, in Moscow. Il comes within the framework of the Munth of Soviet Inflan Friendship marking the 36th anulversary of Indla's Independence and the 12th anniversary

MAJOR MANOEUVRES BY PENTAGON

New York, Joint US Egyptian was games, ended Origin Stat 83, have begun in Egypi, according to en Assortated Press report. These large scale games in which about saven linusand tis servicemen of the interventionisi "rapid deployment lerce" are toking part, will also be held in Sudan, Omen and Sumonero in Simon. Origin and Sundalic. The games involve the use of major militery technology as well as of US paraguit planes and of several planes belonging to the AWACS [Alibnine Wellers and Courted Systems Werning and Coutrol System

The main purpose of provocative moniteuvies, being held in an us pinsive region (the world where tension has long been present, is to secure o wider IJS milliary presence. They represent an attempt to threat US military political diklat on a number of Alabic and

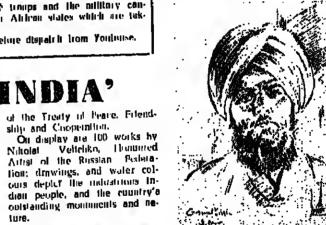
Alrican countiles :.. Mexico Cily. US military trans-Mexico Cily. US military transport plenes bave alrifted combal weapons, amminilitum and various military equipment from the United States to Hondures. At the same time consignments of military catgo have orrived in Hondures tide US bases in Pangna, Puerin Rico and other pangulaes of the region, Military. ranama, ruetin kico and uniter countries of the region, Milliary frucks and belicopieta deliver cargo kotti the attiliers to areas where the US troops taking part in the long state Big. Pine 2 wer games, are concen-

trated (Continued on page 2)

SOVIET-INDIAN FRIENDSHIP

A meeting and hees hold in Moscew to mark itie 36th asniverancy of the independence of the Sepublic of India and tho 12th anniversary since the sign ing ni the Treety ut Peace, Friendship and Competation between the USSR and India. In accerdance with tradition, the meeting acreed as the official epening of the Munith of Soviet-Indiaa Priendshin.

Included in the pragramme ler the Murilly are exhibitions seminars, meetings and vialis is variona enterprises, as well as Festival of Indian Films.



Velichke only speni a short line in India, but the country

ship and Cooperation.

A Sikh.



Soviel-lodice Priendship Cultural Ceaire.

Protest to U.S. Embassy

While on a rouline commercial voyage in the Padilic Ocean, of the Centrol American Coast, of the Central American vessel, the Soviet merchant vessel, the "Alesendor Ulyanov", become o largel for provocative action by US Nevy ships.

In violation of the generally in violation of the generally in the sound of the sou

acknowledged tules goverding the dreadom of havigation. US the dreadom of havigation. US-Nevy ships — destroyers bear-tig the side numbers 8 and 991. ond a frigate jaide number 1060; opproached the Soviet yessel of a close distance and subjected it is impermissible questioning incompatible with the practice of international navigation. In

addition, o helicoptor took of from the destroyer and circled round the "Alexander Ulyanov" photographing It.

A note from the Ministry of A note from the withinking of the USSR has been delivered to the US Rm-bassy in Mostow protestleg at these actions which, it is stressed, cannot be viewed otherwise them open is what. ness and danger our arbitrarinese.
The US Government should realize that full responsibility for all possible consequences orising out of such actions will rest entirely with the American side.

B EN Ç,

UN DISCUSSES NORTH AFRICA

New York. The UN Socurlly Council lies started to consider the dengerone altuation that has been created in cer-tain erees of the Meditorrenese, the Middle East and Africa, in the weke of American military provocation egoing Libve. The Council has been canvoned at the letter country's request.

Opening the discussion, the Libyan representative A. Burwin ntressed that large contin-gonts of US navel forces era concentrated off Libyan coasts. US militery plense meke dally provecalive flights near the Libyan bordor, clessly seeking e prelext for armed conflict. The presont dangerous developments are part of the eggressive policy, carried out by the USA, with reletion to Libys. Weehing. ton cannol gel accustomed to the idea that it no longer hes military bases on Libyen leril-lory, and US monopolies no longer control har oil industry. Gross Interference into ether

ion arbitrarily ennounces a particular region of the world to lie within its 'zone of vital talejests". Americen erms eie then hestily despetched to the acgion, lallowed by military "edvisers" end the "repid deplayment force". It to ohvious that such ections

stressed the Syrian representa-tive, A. M. Al-Atest. Washing-

the USA's begemonical cleims to the rale of "International pelicemnn", are in glering contredic-ilon to the basic principles of the UN Charler, and to the Unticd Steles' obligations es permanent momber of the Securily Council, said the Soviet representative, R. Ovinnikov, II Is clear why the USA end other NATO countries voted egainst the Decleration on the Inedmissibility of intervention in the Domestic Affeirs of States edopled le 1981 by the UN Cenciel Assembly,



New York, The South Airican regime is golog to infinite lengths to prevent the liberation lengths to prevent the liberation of illegally occupied Namible. In line with a Security Council decision, UN Secretary-General Javier Perez do Cuellar has held leike with representatives of the "frootline" states and SWAPO, as well as with the "contact group" of five Western nations led by the USA, and is due to submit a report on the

nulcoma of the consullellons to fecilileic the carly granting of independence to Nemible (before August 31).

This move were necessified by a complete lack of pringress on the Security Council Resolution No. 435 ceiling for en end to recist regime's occupation of Nemible and for the holding of genuinely free clacilons there, under international supervision. Pietoria, however, remeins



non-aligned nations which have

issued e special sistement coedemines the racists ploys.

Il has been elressed to UN circles that the racists pro-

crastinating lectics ere supported by the USA and Western powers acting as aelf-styled "go-bn-

lweens" in bringing about a

settlement of the Nemthinn prob-

Photo by Konstinuin Rybnika

robidiy opposad to the UN will. Its latest gambit, the decision to set up a "state council" to formutata a "constitution" for Namible, is vigorously rebuiled by most UN mumbers, and by the

Pacemo. The Dominican Republic hos been swept by a weve of profess ogainst the reprisals unlenshed in that country, against the limid economic situation of the working paopla end the government's foreign policy which supports the Reagan administration's intorventionist plans in the Caribbean. Towns and rural communnities have become the scene of elrikes, mess rallica and demonstretions condenning tha

Disturbances in the Dominican Republic

authorities for their colatwith US impertalism.

L. Mercules, leader of the united front of the left loans the Dominican Republic, all the pures that the USA liters to use the country as a les for military operations ages the peoples of Central Ameia und the Cardibean.

MAJOR MANOEUVRE BY PENTAGON

Lies

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niinis of Aighanistan, sees the letter. By earning and his

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Afghanistan fer subrera

against the hard-working at

peaceful people there, Philips

is overthy interfering in out

ternal effairs, the dozent

(Continued from page 1)

Local observers note that the is the first time that America monormers in the region in licen linked to such colors financial expenditure and a the "nevel" to build raway barracks, defence tages heldges, ronds and radar o Hons. Put this reason, politic rircles in many Latin America multiles see the Penings gnines as an act of infinitely hy Wouldington in his paper through his armed apprets ngalunt Nimagun and the gas rilla mayement in El Solvade

Opposition to Reaga policy grows

Now York, Plvn Democi Now York. Five Demonstrate of 1904 elections disagree will the Ruegan edinimised runcioar arms policy. When questioned by a public organization, the Committee of Patient Committ Action to hell the emit no from the elsie of fows, Seeking John Glenn, Alan Creeking Brnest F. Hollings, Gary Har and former Vice-President was let F. Mondale stressed the net lo freeze American and Son nuclear weapons and stop development, manufacture testing of nuclear weapons

the means of their delivery. Freezing American and So Preezing American and weapone, Gienn noted, could be the first important step to mit the first important step to make the proliferation of such and worldwide. Asked whather the Union was superior to the Us in nuclear arms, which is essertion of the Research tell istration. The candidates tell

UN INFORMATION HO.

figuez and ol another three unlegionnaires disease was officially cited as the cause of death. Orar e dozen olher servicemen adjaing from similar symptoms has been urgently hospitalized.

Special doctors believe the vihis bears some resemblance to the virus of "unlypical pacubonia" which has already daimed the lives of some 300

force base at Torrejon, outside Madrid. Both eliments inject the respiratory tracts and ete-practically impossible to cure.

remely impossing to cure.

The Spanish public is as iremely worried by the obscurity surrounding the causes of the outbreaks. Commenting on the epidemic in Saragosse, the Madrid-based "plerib 16"

OF INTEREST

MAKES HEADLINES AGAIN persons in Spain. The lalest outbreak of the letter disease wes recorded in 1981 at the US alt

a pookel of "Irite" in his hande on poloto chips are called in Belgium ore very popular in Prance and the Netherlands. The sight of people caling ohips in the etrest is as common in Brussele or Antwerp as for instance the stable of Musicovites caling. sete of Antwerp as for instance the sight of Muscoviles eating ide cream. At averaga Belgian consumes over to hundred kilogrammes of photoes a year, or wice as much on the other West Huropeans to Inia Righty respected vegetable, the world's

only pololo museum, ollering practically all information about the points, has been opened in Beigium, Here, for Insience, you Jokes shout the Heigion with a pookel of "Irite" in his kunde

Beigium. Here, for insience, you may learn about what a fough job the poteto had to develop from being the staple load of American Indiana Into one of the principol world foodstulls. The process took four hundred years. When the potato was brought for the litral timo to brought for the ltref filmo to Burope it; was domined as the devil's food. And even in the 19th century it; was regarded as the source of leptosy, tuberculosis and richels Lord Byron wrete, ghout the sad consequences of passion and the possion.

heading for police Twenty-eight prisoners in Rio de Jeneiro jali took severa

They escaped

months to prepare an escape. They managed to make the key for the drain in the yard so they could escape through the underground sewers. After several hours of wandering they found on exil and emerged to the surloce... fust three meles from a police elation. All the escaped convigts were retained to the prison.

THE WORLD

BRITAIN DIGGING IN ON FALKLANDS

exposed London The British Conservilve Covernment is leath to salle its Falklands [Malvinus] New York. Alghania k Bully deuted labilitation of salle its Falklands [Alalvinis] coalict by negotiation, charaster coalict by negotiation, charaster policy instead, is low one could describe a recent Brilish Foreign Office attenent rejecting Argentina's proposite for resumption of this on the Falklands on the basis of a resolution adopted by the IN Conetal Assembly last alleged violation by it has of Pakistant nir space sum of Pakistant nir space sum of letter by Alghan Pomer flequesentative to the less Nations. M. Farid Zaff da the UN General Assembly last November. This appeal was in all. The armed lorces of Ales s letter the Argentine Covern-nent had sent to UN Secretary-Censial Javier Pérez de Cuél-

> Rather than seeking a digitomaile solution to the conflict in valves have opted to on acce-leased militarization of the la-lands. They now have a strong gardene there more then indice the number of the total popplation. Werk is alone to expand the sirfleids and set up tadar systems, and large Brilish naval units are patiolling in the South Atlantic. The government is thinking of using the "Falklands fortiess" se a fransshipment point for the "rapid deployment forco" now being created in Britato on the Amer-

The Conservatives' coinnial embilions ere causing Increasing concern of the Bittish Jim-Mic Statements by British MPs and politicians are warning that the 800,000,000 pounds the government ennually sponds to osistain and expand the Falklands fortress" are direly peeded by Britain hersell, as it is going through its most acula economic crisis to the past

FACTS and EVENTS

O The Resgan administration as decided to replace Micholes A Validiar as Assistant Socrelay los Neas Earl and South phisd e ksy rela in the Adminbiration's Middle East policy, is meds US ambasrador to Egypt. The current US embassador lo Sud Arabia, Richard W. Mitt. phy will be laking over the

WHAT LIES BEHIND THE ANTONOV CASE

IRON CONCRETE

linigarian scientists have developed what they call from

onerele, or a concrete rela-

orced with thin molel threads.

I la especially effective for

foilding thin-wall structures, in-

tileate shapes, pipes and even

Resent hers at the meleorolog-

Covernment

cipitation, atmospheric pressure,

the direction onll speed of wind

within a 250-kilometro radius.

he plant can plujoint in time

the exact beatten of disaster-

Unretened areas. The heavy of

this invention is that it allows

anough time for emergency mee-

sures in he taken in save peo-

ple, animals and property from

the destructive effects of

cyclance and floods which and-

denly fill different areas of the

country almost overy yest.

beila for marbling hiola.

FIGHTING CYCLONES

teeling

Solla. ETA, thu Bulgarlon bodiet, "Set Anloney Preed", which shows up the false nature of the Western propagando el-legations about Antonov's com-Midly in the sticupi on the life of the Pope in May, 1981. It is denaded that Antonov, a citizen of Bulgaria, who has been firgely strested, and is in an balian prison, should be front balian prison, should be freed. h is noted in the booklet that

the anti-Bulgurlan campaigo in the West are people who hold or hold high posts in the Americen edministration-the present Secrolory of State, George Shultz, former Secrotary of State, Honry Kissinger, as well as the former Assistant to US President on National Security Affairs, Zbignlew Brzezinski.

The CiA, among others, has now joined forces with the anti-Bulgerian and enti-socialist

provided by the furkish terror-let Ages who is le prisce in listly, hae now been blown skyhigh, has now been hlown any high, a new, hastly concocted froud has been circulated about S. Anionov's alloged "spylog aclivities", it is clear, states the BTA news agency, that this campaign of calumny against socialis Bulgerie and the Soviet the needed by the US ed-

Potato museum

Union is needed by the US ed-ministration and NATO countries lo order to poison loternaliqual elimation and weaken the peoples' movement egalnst the Washioglou-sponsored erms

ical department attached to the

ELECTRIC COACH

designed a computerized radar lor lorecasting cyclomes and Taking the data on the pre-

British Leyland has ennounced

coast. The wind-powered eletions will have en overell capacity of 10,000 kW.

Science

WEIGHT IN COLD

135A. Members of the "Peace comp" plicked of the follietive of the

Women's International League for Peace and Freedom eed the Wo-men's World tinion for Peace, near Seneca, New York, the Penta-

gon's military hase, continuo their picketieg to protest agalost the policy of nuclear blackmail being carried out by the Wesbiegico administration, in note: to achieve its aim of deploying eew US

FOR 25 PASSENGERS

The Dutch Government has approved the decision to build the lirst ever wind power gene-rator "depot", and plans to set up over 20 "wind" lurbines in Sexbicrum oo the North Sea

and technology

FRIDGE WORTH ITS

A refrigerator powered by the eun has been designed in Egypi. Three to four hours of scorching iropical heat provides the fridge with the equivalent of a kilo of ice worth of cold.

thei it is soon to produce batlery-powered 25-sealer coachis.
Rechergeable balteries power the coach for distances of up to

Rural workers yrow and produce what man needs mostlood. They are opposed to all military ospirolions, stressed Gerard Laugier, General Secretary of the Trade Unions Interrottonal of Agricultural and Forestry Workers, in an interview with the TRUD newspaper.
It is not just that should a theiranniclear cainstophe occur

it is not just that should be derived the solid destroy everyone and everything, including formers, he solid. Militens of workers in our industry oro profoundly interested in peace, tor they ore probably hurdest hit by the consequences of the unprecedented orms roce and the economic crisis gripping capitolist countries.

FROM the SOVIET PRESS

· It is easy to tothom the rationale behind the recent polace caup in Guatemolo-General Rios Montt had tallen out of

lovour with his Washington protectors, and they moved urgently to topple him from his dicletorial throne in layour of a mare suitable person which they have in Humberto

The loppled diciator has on his conscience scores of

thousands of lives of exterminated compatriote in a genuine genocide which produced on outery in Latin America and condemnation by the world public, As well, faced with escaleting domestic pressure Roce Monit was forced to admit

the possibility of some "elections" next summer, something

The events in Gualcinata are an element of US oggressive

policy in Central America. The imperialist conspirory ogainst Nicanagua and the politois in El Salvador, underpinned by a crude nhow of military power, require, as Washington seee ft. the loughening of the policies of the dictalorial regimes in

Fronce is being quite equivocol in the canillet in Chod. On

the one hond, il pielends to he only keeping its plauges con-cerning the delence of that nutton and holding back from disci interiarence, while on the other President Francois Mitteriand is sending there French servicemen and mer-cenaries, LITERATURNAYA CIAZETA writee. Also, which

orticles of the treaty he has with Chad could excuss the send-

ing there of modern weapons, including missiles and enti-ordered systems! Who class could use them except the mer-

The truth to that Mitteriand has on African policy similar,

to that al Reagon, and the events in Chad help the Africane become aware at the danger to them coming from France,

WHAT BROUGHT THE GUATEMALAN

COUP ABOUT

Alejio, IZVESTIA points aul.

that Woshington would never agree to.

the entire region, the paper points out.

ceneries and the French "specialists"t

MILITARISM AND HUNGER

FRANCE EQUIVOCATES

Octord Langier cited some liquics tilustrating worldwide food shortuges-more than 450 million people suffer from mainstittion, mora than 1,000 million are underled. The situamaintiffien, mora floo 1,000 million are underfee. The state tion is especially grove in developing countries: 27 per cent of Bost and South-Bost Asm's population go hungry, 22 per cent in Africa and 13 per cent in Latin America. 40-50 hillion dollars, representing only 8-10 per cent of all military expenditure, are required in order to combat elizatively hunger wouldwide. By centelling the construction of only one atomic management of the construction of only one atomic nireruil currier, enough maney would be released to send 2,800,000 tornes of wheat to developing countries. All these lucis show that the struggle against hunger is inseparable from the struggle for pcoce.

AMERICA'S PLAN TO 'LOCK' THE MED

There is more in the build-up of the American milliory preance in the Mediterroneon then the letter's proximity to European sociolist stoles, writes the RRASNAYA ZVEZDA newspoper. For it is also from this vantago point on the southern flonk of the aggressive NATO bloc that the United States is this most efficiently to threaten the Middle and Many Real to heap Mark Alice within the circ and to event Near Bast, to keep North Africo within its olm and to exert pressure upon its South-Buropean oilles.

The nuclear threat is supplemented by the growing threat of ormed invasion by major military units, being formed in the United Stotes specially for the purpose. To onsure their ropid transfer the Fentagon seeks to setablish additional transstipment potets and other infrastructure along a route transstipment potets and infrastructure along a route transstipment in United States—through the Atlantic and Mediterronean—to the Middle Basi, and recently, using the events in Chud as a pretext, to Africa as well. All this emineural section of the Mediterronean Sea. An important region linking three continents with autiets to the Atlantic and Indian oceans. By "locking" the Med, Washington hopes to bring pressure to bear an Algeria, Lihya. Cypria, Syria and other sovereign etales, whose guilt is that they refuse to bow to US dikial.

VIEWPOINT

G. VIKTOROV. Major-Geecral

Storm clouds over Central America

The Reegen edministration is keeping up /is crude military-political pressure egalast the counties at Central Americs, counties of Centrel Americs, primarily Nicoregue and Cuba. While uncaremoniously interioring in their demestic effeirs, the USA is getting ready to widen the renge of its military opposition to the legitimate government of countries in the region, which want to conduct an inwhich want to conduct an in-dependent policy and are pres-sing to free themselves of Wash-

ngloe's diktat.
Recently the American president approved a programme for boosting US military power in Caniral America. Never since odore Roosevell's nolorious "gunboat" diplomacy, hea the United States essembled such s mighty revel armeds of Central America. The waters of two oceans washing her shores are now the scane of a neval genes unprecsdenied in size, accom-panied by saverel memoeuvres

on land and ala, The creefion of such a pays The creetion of such a naval strike loca consisting of scores of modern waships, with 20,000 man involved in the operation, plus 200 nevel combal planes and helicopiars sed the leter Tomehawk missiles, is a huge militaris move designed to "feach a lesson" to progressive regimes in Central America,

45

tomilist io the Central Amorican peoples es esemplified by ovents in Guetermala in 1954 end in the Dominicson Espublic in 1965, where the American military breught entil-popular juntes to power. As ladey the then American presidents indulged themselves in unclueus rheim ic ebout the need to detend "domocretic treedoms from the communist three!"; as loday they eteriad oil by destabilizing those countries through covert CIA ecilon, followed by see blockedes

disguised as navel genes disguised as navel genes (Weshington now prelets the word "querenline" to that of "blockade"), and thee by direct military invasion

That events in Canhel Amer-That events in Canhel America era keaping to this well-tasted scenarie ir iestified to by the unusuelly sweeping American-Honduran land end eir exercites, cade-named filg Pina-2, to be hald in a country betdaring on Nicaregus. What with the unprecedented length el the asercises, which ere to less for nearly six months, eed

primetily the Sendiniste leadership in Niceregue and the soclelist government in Cube —
while not forgetting Grensde,
Surinsm and other Ceribbean
states whose policies are disagreesblo to Washington. Whel
such "lessons" are like is fully
familiar to the Central Amoricen
peoples as asemplified by

official strength estimates.

Yhe games elso aerve to camouflage the large-acele American angineering altert to modernize the Compague and Potertillos atrilletis, so that C-5A heavy transport planes and fighter-bombers can lend there, as well as to create arms and es well as to create erma and millery herdware dumps, im-prove nevel and eir bases on the Ceribbean coasi, and set up e mejor reder pest to mentior illghis by AWACS planes.
What this emounts to is the

creation of a wide-renging militery intrestructure in Hondures cepeble of susteining e per-menent American military premeneni Amarican military presance and lis greeter end more
eclive use egainsi Nicarague.

The erchilects of the new
edventures are making it increasingly claer they will not
tuss ever much in committing
their simed forces. In relation
to the feribcoming AmericanHonduran exercises, Stone, the
US special presidential envey in
Central America, said quile
openly they could escalete inte
en offensiva exercition.

Weshington's Isrga-scele militery-political ecilons in Central America are causing grave concern wouldwide. Poace with never be brought to the region through American armod interterence there—telks are the only answer, and this is assetly what was suggested in the proposals put forward by the Nicorngunn leadership during the colobrations of the 4th emiversary of the Sandhista Revolution. The chief emphasis of those proposals is the dosire to and militery controlling in the region possis is the dosire to ond milliery confrontnilon in the region
specifically via the conclusion
of a non-eggression tractly bolwean Hondures and Michangue,
the withdrewal of support le any
anti-government forces in the
region, and bringing to a heli
arms deliveries to the werring
sides in El Solvador.

Delinife beneliis could elso derive from the proposola pulliforward by the so-celled Conledora group of Venezuela, Colombia, Mesico and Peneme, which parsed a decieration of the control the recent Cencun meeting condemning the use of settle conflicts in Central Americe and come up with a range of auggestions for their political settlement. This approach is augported by Cube es wall es by the UN Secretary-General and the New York Geordination Sureeu of Non-Aligned Coun-

Weshington, however, remains averse to eny political settlement of the centilicis, and continues to boost its military buildup end to pressurize governements it does not like into sub-ments it does not like into sub-mission. This brinkmanship could easily escalate into military con-tinguation. Perhaps the potential arsonite shauter. arsonists should give this factor sarious thought before it is loo.

campaign. Since the "evidence" the who have orchestrated LEGIONNAIRES DISEASE

Madrid News has lillered in iron the San Gregorio military proving ground, outside Sarasyssa, and silusted near a US at lorce base, of the deeths of General Jose Cruz Recejo, Lieutenant Colonel Roman Rodiguez and of spother three up.

the Medrid-based "Dierio to contended thei the San Gregorio proving range had been repessedly used by USAP and that disease genus could be brought into Spain to creies along with the arms and other military. hardware.

H INFORMATION Ho. 62,11983

THE SOVIET WIDE-EOOI ED AEROBUS IL-BA 15 EXPAND INO ITS SERVICES. This aircreft seeiing 350 has eaw bagun regular leternal flights from Lo-nlegred's Pulkav eliport, which has been madoraized for the purposs. Losingrad elipad naw har direct itaks with many Saviet cilias eed avar 20 Eurapeen

A FLOATING DOCK, THAT CAN REPAIR ANY SHIP IN THE FAR BASTERN BASIN, HAS BEEH ESCORTED TO VLAOI-YOSTOK'S OOLDEH HORN BAY ACROSS TWO OCEANS AND SEYEN SEAS BY A TEAM OF THREE RESCUE TUOS. The dack. 250 melres long, is bigger than two loaiball pliches put tagathar. Ils carrying capacity is 29,000 tonnes. Thir ir the first time in history that such e huge frucfure her been lewed virtuelly all round the world.

THIRD PHASE OF THE NORTH-CRIMEAN CANAL

The construction has storted on the third phase of the North-Crimean Canal. The lirt hundredo of cubic metres of earth wera moved from the bed of a new man-made river at Khorson sleppe to link two existing trunk canals: the Kakhovskaye end Nerth-Crimean.

The new canal, cuiled Perekopsky, is the first stage it will be nearly 70 km long. About too cu m of wetar per second will be supplied by the canat covered with an anti-filtrailm screen. This is enough not only to irrigate the new arid lands but elso improve the water supply of many cities and vit-leges in the Crimes. The fields of the Khersoo region will be oupplied with an additional amount of life-giving moisture.

FROM the SOVIET PRESS

This is the title at on orticle in the IZOBRETATEL RATSIONALIZATOR unigorine, According to the

eritcle, Esvict engineers have put forward on original

mathad for transporting cool in pipelines. The solid fuel is trushed in a hemmer breaker, then mois-

loned. The water-und-caul suspension is then ready

"liquid cool" burns well and does not need to be pre-

purad far burning.
The cool pipelines will cave a tremendous omount

of moteriots end money. They will make tens of thous-onds of rollwoy vons available for other work, At the

moment they are used for transporting cool, liewevar o ceriain amount of this vuluable fuel is lost because

the wind blows some of it off the top of the vons. Experts believe that given the present high toles of

which oil and gas are canoumed, coal will be olaying

Academician Oleg Gazanka has written on atticla in MOSKOVSKY KOMSOMOLETS about the cantribu-

tion the young branch of science—space medicins—to making lowerds medicins in general.

Traditionally, physicians largely concentrate on pa-tients and treating diseases. That's any natural, for

FLOWING COAL-GREAT

on impariant role in the future.

. . . .

SPACE MEDICINE FOR EARTH

EXPECTATIONS

WORKING SUMMERS FOR OUR SCHOOLCHILDREN



ltungariae rhildren taaro tha mason'n frade.

Vocutional schnol irgiacos over 25,090 such camps. from Moscow sud the fawa of Kecskeinet, to tluogary, ara spending their haltdays together this aummen, learning the buildlag frada and farming skills of life international work and recreation ramp run by the Leninsky Lurh rollective tarm autside Moscow (see photes).

A summer working term for schoeichildren was infroduceri in this rountry nearly 30 years ago, when leams ul 7-9th formers were sent to help with the harvesting in the Slavropoi tarritory, in the south of the Rusatox Fedornilon, during ibeir feng before such teaois, fley wore called srhool wink briga-des, spraig up throughout fle-tund. Special work and recieslion compa were established to: urban youth, who set to work of n summor in the fields slongside thair countarparis from rurol areas. This summer there are

area-by state run turns. They have cumbutable living quartors, dining runing, mut aports grnunds, often fulli by children themselves. Work and play-various snorting and hikacitylling, etc. - ge head-is hand at the compa where the summer whistle by al the rate of light nlog. At present the num ber of colliden wishing in go such camps aufweight evallolie accommodetton Young people are eftracted by the opportunity the camp pro vides to test themselves out le n werking envirunment, And ther important factor to thet thay earn coaugh mooey to cover all food and fravel exposees, aven lor those who hove to come a tong way Irom sey, the Far North or the Fundament to the Black Sea coast. In cidentally, the travel factor t sible for their organization in the Kemerovo region, tor another alrang lagredleot o fustance, the camps are run hy the camp's appeal to the young.



Slaglag Soviel and Hungarian songs.

Ditterent bodies are respon-

Ever down to the earth's riches Scientists have been studying the luture of the Dooders, the country's eldest fuel producing ragion, up to the year 2000.
Geologists searching for antheacife, near the lowe of Thoroz,
have carried out lasts down to 2,040 meirca deep. The well crossed 19 authracite loyers; sciantiala believe this will give the opportunity to build a larga-scale coal mine there.

Over a dozen minas in the Donbase, alther already operating or in the process of being built, ere more iban a thousand matree deep, a record dapth for Europe. Testing, naw being undertaken in various places of the beats and the beats are the beats and the beats are the beats and the beats are the beats and the beats and the beats are the beats are the beats and the beats are th the basin, will help compile a general picture of coal mining opportunities to depths of 3,000

even today it is sick rether than healthy people who tend to visit the doctor. This to why modern medicine

iend to visit the doctor. This to why modern medicine has for more infarmation on various diseases, their causes, processes and motiods of treatment, than information on healthy people. But our potients are spacemen — healthy people whom we observe over a long pariod. The observations are valuable because they enrich medical science with the knowledge of healthy people's reactions on the values of the people's reactions on the values of the people's reactions.

they enten medical science with the knowledge of healthy people's reocilons on the various affacto of the environment, including unusual conditions such so weightlessness. All this has improved aur understand-

knowledge of the terms "health" ond "disease".

Although spocs medicine has already mado o ton-

gible contribution, it still owas o let to heaviedge ob-

ioined on carth since il mostly uses this experience. But I em sure, writes the Academisian, that there will

come o lims when the declors will be profiting frem

An unprecedented event is approaching: the silUnion review of amaism artists is to dart in October
ond will lost until May, 1985, writes PRAVDA.
Nearly 29 milliam Soviet people are involved in
amaieur activities — dioma, ahoirs, dance, pop music,
pointing and illm-mahing... Such groupo usually, start
up in the polaces ond houses at cultura — this is
what the popular clubs are colled here, Such activities
are illnanced by the trade unions, factories, and arganizations and cost politing. Although omateur collectives are not trying to produce professional pations—

MILLIONS TAKE PART IN PESTIVAL

space medical science even mare,

non physiology and widened our

LAND-IMPROVEMENT CENTRES IN GEORGIA Thisi-Krunisi ronte is it

A larga land-imprevemnal centra bulli an tha Khroni River in the Tronocaucasian Ropublic of Georgia will help irrigalo on exira flimishnd heclares of formianil.

The centre to just the beginning of a comprehensive pro-gromma intended for develop-ing low-production fand. The

haprovement schemer sill volvo another 60,000 bet era er orileis, many turn aut to be os good as pl olonois. Samo groups have been an four abroad and have perferment for lareign outlineos.

SEEING AND DEVELOPING ALL BEST IN CHILD

Writer S. Solovelchik exploins his ideas on the tional subjects to IZVESTIA.

several instruments with which to sludy the chi They studied the children in Irani of the leacher at the children themselves, toking their time out it findly that inlarmed the teocher that their island had chown that certain children would be parked in their parked in the constitution of the certain children would be parked in the certain children would be certai

successful, in the future. In occue loci, they had not been studying envising.
They had been acting out a part for one species only — the teacher, The condidates had been chosen of tondors.

The tast was repacted with the same result dren chasen of randam showed an incredible in in their mental capacities It any needed the wife to believe that such growth could happen, and it ballet in a second-state with could happen, and it is ballet in a second-state with could happen. Ballet in a rewarding task and in one's feb make an ellaris warlhwhile. The same is true thou will nilling to belief in them car, in and downloss to children — belief in them car, in and downloss to the car. and develop them, Soloveightk said Ta belief in and develop them, Soloveightk said Ta belief in a child is belief inon he really is — that is said wisdam in tenching is all about. From a child fitted doy at school, jeachera chauld be able to the child. child's best qualities and should strengthen and velop them,

Raku, capital of the lacasian republic Analysis in republic Analysis in republic Analysis in republic Analysis in republic and republic in republic i from the Trumen regard borts, where produced started and confine ri-

duldied, helps Bake at operate et full capacit. famous 17th century Russian ertisf, Sinner Usha-key. The history of one, "Niktin the Warrtor", is dosely tinked with this erchitectural muou-The Grozny-Bake of particular time it is the it is the fine Typmen of by which brings Typmen of by l'ancasus, ft crossé pretella areas, rivers mine and railrondr. A large serwas burnt down tu 1624. work in the Heldr nevert 'All that land was real's

A HYDRO UND CONSTRUCTION

nnel not one square ment!

fertile land war hat a

plough,

hydropower rigition in him have started underground thats. They are digging to ice is on which may do project's structure wir Special machiner weech: digging the first mehad: salt layer, which is bitt's torned settle 3 metres denud steel structures.

To make the unique technical structure sie warten's destructive actions. carr wash out the sales nu officient engineering sold has been used. The despivioles for conserving the layer with the help of t Sollilly fixed in its ceale. adits will hold instruction ing of the layer's coalin draluago eystem to dipte the underground with he

aknyol district will in 14,0000 hectores using wish

the 65,000,000 cu m And.

centro is being carried to n rapid pace. In the or 1981-1885 (ive-year plat)

OIL FOR BAN Places to visit

TRINITY CHURCH The Triolty Church to Nikiliitkt (a branch of lin Siberlan of febr the History Museum near the Old Square in Central Moscaw) contains icous painted by the

> This tolb captury painting used te decorate the woodon church that stood livers earlier but

HOME NEWS

The builders of the

Georgian masters. In the toth century, when enviers Georgic tha then Persian Shah fook floo teen along with other valu shies to his country, to the t7th century a visiting thus dan morcheat bartered the fcon for sametking cise and brought it

The Museum rurrently houses the exbitu "17th-20th rentury tiussian wooden piales end distres". The earliest objects in-cinde various jars, howis and birch-hark haskets. There are many rare infler on show, too -giant sruops containing several burkets of wolor, very small ecuops, and un i interest-

FIRST SOLAR POWER STATION TO BE BUILT

which will be supplied with heat

Solar power is still more ex-

pensive to produce then conven-

Henel power, It is spile difficult

to transform solar rediction

tato the normal current. Uzbek

scientists have suggested using

entar generolors alongable con-

ventional generators devising a

solar energy and lucl power eta-

trom 1,600 helionial mirrors.

Solar power engineering to often called the power engineering of the luture. Its resources are virtually inexhaustible, since the omount of solor energy reaching the earlb's surface is 5,000 times as much as the telaf world loel consumption.

Experimental color electric stations ere now being develop-ed both in this cuuntry and abroad. We are hubbling n 10,000,000 kWh eletion in the Crimes, with a steam generotor

HORSE AND CARRIAGE STILL WITH US

Caris and carriages mode to old models at the Silas wood-working plant, were added recently to the colfocilon of a niher unusual museum, "All About the Florso"—at Anykūciel, libusols. It is the anty one at its kind in the country.

Though film atudios and built agencies figure emoog the list of customers orderlog tartages from the plant, the halor part of its production is lateaded for precitical purposes.

Even in this day and age of Even in this day and age of ischnical progress, horse Iransportation has its uses: osarly 18,000 carts, carrioges, and 18dges are made annually for collective larms and timber infusiry enterprises in this parts. sustry enterprises in this court-ly, Such transportation is ideal for both farm and forest workers. Recently, Silas apsood an ex-perimental section, which acts are not of proving ground for the intilute for technological design attached to the light in-dustry ministries of the Lithuani-an SSR. Experts from the sec-tion visit rural grees collecting ion viel Tural areas collecting shnographic material which is sequently used to improve a design of the caris and carages used on ferms.

tion. In which color energy Animals and birds

Shophords were nsked to mova their herd oil the Astrokhan preserve eree around the Kigach, en castern arm of the Volga dolla. Varioun onimals rare lor these places, including des-men, mink, end raccoon dog.

heve reeppeared there. Earlier, in the 40s, an altempt was made there to introduce various animals from the Amur River in the Por East, However, practically oil of them became

make comeback

Researchere have improved

the normal generator circuit

design and even come up with new processes. For instance, the

power storage systems will en-able the station to run 4,200

hours on solot energy a year. The world's first solat ecotgy

and fuel stollen will be built in

Uzbekleian where many places

enjoy 3,000 hours of sunshine

oxilaci in the reed thickets of the Volgo, with single survivurs boing mot within conservation

The present-day programme to protect the Volga has resulted in reviving the ille around the Kigach. The opting flood altracted birds, rodents and amphible and brought vari ous cornivoreo there which etarted sottflog outside the con-

Science and technology

PLANT BREEDING SPEEDED UP

The luminescent spectrums of plants bear genatic information. This sudden continuon change ing the basic principles governing the breeding of plants has been arrived at by Byelerussian physicisis and Crimean bloing-

An agronomisi agmetimes devotes his entire life to treating a new plant variety. Vost spaces are taken up by test plots where from year to year hybrids battle it out for the right to continue the opecies.

While some al n hybrid's quelities can be lorered on the basia of its enperance, the nunrber of grains in the eor. etc.. years of esperiments are needed to erder to determine hew well It will withound vieus injection. lut example.

The new method of selection anggrated by the scientists will result in enormous savings of time. The researcher will not evan have to wall lot the harvest, the first green leave will ceveal all the plant's secreta has been studied.

TO SAFETY BY CABLEWAY

An unisual califeway for oilmen has been designed at the All-Dition Petroleum Restruch Institute of Safety ling accomp In Bakin It is meant to rescue workers from the upper ther of the derrick and get them to the ground in cases of emergency. A special drive of congress two workers call by acroni-

design ensures the smooth descent of the "cradie", to which modated, and its sale landing at n distance of 50 metres from the hase of the derrick. Tests have shown the rableway to be highly

WITH THE HELP OF

A simulator, developed at the Yerevan experimental design burean of eulomatic machinecy. will help teoch atudants how to control the most complicated chemico-technological processes. Unpredictable slivetiens that can happen el weik are simulated by means of matheoretical models fed into na elactronic machlae which merks earh

student'n work. The economic saving of this new machine comes to about one milles roubles every year. The first simulator of the Soviet chamical industry has been inetalled in the trnining centre of the Ammolos Producties Asaucinion el Cheropovets.

SALYUT-7: FIRST RESULTS OF EXPERIMENTS ON BOARD THE ORBITAL

VIEWPOINT

Alexander KRAVTSOV. Cand. Sc. (Tochnelogy),

laboratery head at tho Institute of Physics, Ukroinfan SSR Acadomy of Sciencon

utiling stollou, commonouts Vie dintr Lyekhov and Alexander Alexaudrey, hove entried no the first series ut their expert ments with Elektridopopin equipment. Belore describing the new technitingical expantments, I would like to remine you that wide-ranging nuterials studies have already been sic-resolutly performed on the Salynt-il station ont is now being scale on heard Satyut-7.

Special lechnological plant were used for addaloing a minber of new semiconductor and omposite malerinis, under the condition or weightlessness and metallic coaling was demoded on different surtness ander the

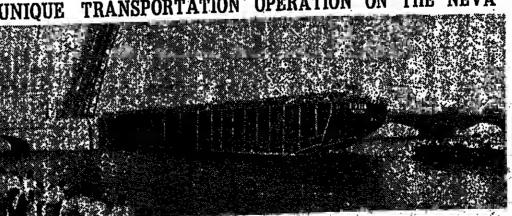
in liight, the spocseralt is atleried by the specific condi-Hous of onlyr space: high and low temperatures, various types space radiation linus of intermeteorites. As a result at all these factors, parth-ulbily ou e long ilight, the structural metorials oge cone: ilmably the costlogs ere damaged and the epitcal and hest shielding properlies on the surface of space

As orbital highls develop we face the problem of cha trolling surfaces regularly and end properties. For the firet time la the history et spaca flights, we have begue to study the offect of space factors on various materiots using electric topography. The opecial testro-ment, Elektrotopograt, built et the Instituto of Physics, je bolog

During the experiment, specimens, to this case various erganic tilms, ere pieced in the statten'o air lock. The lock is opened to outer space and the sumplex ere exposed to the at-tect of all tactors of space cofronment to this sories of ex-estiments testing time reuged ip to 40 huors. Then the samplae were takoo back to the station where they were atudled using a small-size fastrument watglelog onty six kilo-grams. The dolects which appeared on the specimens as result el radiatica, temparature chnages and vacuum, hove been photographed. The final results will be available after ho filmo have been developed oa Barth.

The first series at tests, gew for the Salvul-7 slation, has revealed that the instrument can operate rollably nuder ditlarent candillono. They ore naw learning the electric lapagraphy methods under actual flight conditions. There is no doubt that in future long-term flights, this mathod will be important for the regular control of special tens, for improving reliabil ity had prolonging the lifetime

UNIQUE TRANSPORTATION OPERATION ON THE NEVA



Only half an hour was allowed for the raising of each of the seven bridges in the canital part of be measured in centimetres, thorefore, at the raqued be margin for passing through the open spans could be measured in centimetres, thorefore, at the raqued be measured in centimetres, thorefore, at the raqued margin for passing through the open spans could be measured in centimetres, thorefore, at the raqued by margin for passing through the open spans could be measured in centimetres, thorefore, at the raqued was decided to conduct the operation by daytime.

The convey it is tugged by three powerful beats, at the convey it is tugged by three powerful beats, and will then proceed down the Valga beating two other smiller units, and will then proceed down the Valga beating two other smiller units.

The giant structure taken es a whole weight and dispatched to the open sea.

MN INFORMATION No. 52, 1983

MN INFORMATION M. IL

GULNABAT

"Roles may be difficult or casy, or locoaspicuous, there are lamous, star parta... To play Ksiharino is e great happines for an actress," says transpert Actress of the Turkmen SSR Guinsbal Ashtrava, who plays he lead is Shakespeare's 'The Taming of the Shrew", produced for the tirst time at the Turkmea State Mallacepesa Drama

ta like asvoa years that have passed aluco Ashirova graduated from the State institute for Theatre Art (GITIS), to Moscow, atte has played 30 major roles at the theatror Clea lo G. Riciredo'a "Acsop", Laily Aone s Sinkespeare's "Richard Ill", Sealrice in Goldoni's "Servant ot Two Atastors", and Nodezhda ie Pogodiu'e "Mae Will a Gue". But Kotberina is her

"Coming from Turkmenistan," says the actress, "I leek clase to Shakespeare's beratues and noderstand them. And though The Tant'ag of the Shrow' cao ba interpreted and produced in dillarant ways our production is hynin to an eannbling inve which conquers all obstacles." When still a achaolgiri, Guiaabat nover thought that her

dream of becoming an actress

FACTS



would come true. She tried has band at acting in various amaleur theatricala, but bor dream remained a mirage up the borizon. Then, white still to the 9th farm, she received as offer in act is a film. Though the role was a small one, it was a suc-cessful debut for Guinabot. And but ft will go, and you won't asw when averyone began tal- have acquired perfection in ling har that she would end up your art. How right he was!"

the extent that, without finishing school, she went straight from the 9th form to eerol at the Tashkent Theatre institute.

"I passed all threa rounds o the aedition, but I was without a school certificate," says Geloabat, "The people at the audiiton calmed ma down saying ibst oece 1 bad lioished school t could immedialely earot to the second year. But I was oot dealined to study in Tashkeot The acut year, auditions ic sludy is Moscow were beld at the oational theatre aiudio

...People Irled to dissuade her; il would be quicker to graduata from the studie is Ashkhabad than lo the capital where tive years of study ware required, to the time saved she could play any number of rolas,... Guloaba parsuaded to go to Moacow b Vladimir Smiraev, the professo in charge of selecting young people of talcal tar Iralolog in

"I remember he said to me a the time," the scirese goes oo

RUSINESS

BAYAN-PLAYER TOURS BRITAIN COOPERATION IN ACTION

A Iwo-week lour of Britoin by world-lamous Soviet bayan la kind of occordion) player, Yurl Kazakov, has been e greal success. Kazakov on his third visit to Britain played in Lomion, Scatland, South Yorkshira emil other clites and regions to tha

A recovered

"The Decursilay" by Veanctsov, restored to its original appearance, is one of the works on visw et an exhibition recently opeoed in Leningrad, called "New Discoveries by Soviet

Vasnotauv painted this moanmental canvas, mensuring 5if square metres, between 1095 and 1904. It used to be hung on one of the walls of St Georgea Cathedral, in the towo of Gua Khrustaloy, north of Moscow. Tima pleyed havoc with the picture, werping its surfecs and damaging the layer of paint in many places, and La 1981 It was

Restorors".

most varied of audient the Swedish firm Sandvik ranging from music hear to tecking into a Soviet ofter to tecking into a Soviet of the soviet of the second in particular pipeline appeared in his reperiors selected in his reperiors selected in the second interest and their sales on the second into the sec

Soon "The Doomsday"

he returned to its home trail

ing housing the local lin

rioing business for many years with V/O Stankomput. Under an agreement the firm supplies tools for export Soviet machine lools and buys the Soviet "eltine" hard alloy for sales through tis distributors. It also has coh lencon, director of the Sandoperation sgreenent with V/O Aylopionilmport and Licensin-

Vasnetsov

Littought to Leatingrad for a rotton.

Now that the canvan hule get factories, for the including restored.

Now that the canvan hule get factories, for the including restored.

lorg. In 1975, the USSR State Committee los Science and Technology and Sandvik agreed upon scientific and technological cooperation, with several joint Now that the center had a good factories, for the tribility restored, one can go definitization plant in Chebok-ctate the mastery of tells and works. The firm siro at the time of working of his works. The firm siro at the time of working of his works. The firm siro at the time of working of his works in Moscow, and to of his powers, already for signst the production of tools of produced such lamous ways smess Soviet plants.

"Alyonusbke", "Tser link lievich the Terrible", and the Moscow of the production of tools of with aeveral Soviet tudusted uninistries.

"Alyonusbke", "Tser link lievich the Terrible", and the Moscow of the production of tools of with aeveral Soviet tudusted uninistries.

"Alyonusbke", "Tser link lievich the Terrible", and the Moscow of the production of tools of with aeveral Soviet tudusted uninistries. groups of experts set up to coordiunta and implement tolat ventures in various itelds. To enhance the agreement the lirm signed proincols on scientific and technological cooperation with several Soviet tudusidal

Today polatoes are grown by Gus Khrustainy when he is the subors and during good be on display in so ed to man the USSR accounts for o ing housing the local for third of world production. Quite fittingly, the 2nd inter-missel show "Machines, equipment and instruments for poloto schookel cultivation, bervestby and processing" la now held h Mask capital of Byeloressis, s major Soviet point o-growing republic in the west of the counria Britain, Hungary, the GDR, Holland, Poland, the USA, Floland, France, Wesl Germany, Czechoslovakie. Switzerland, and Japan, which will diapley poiato sowing, treatment and harvesting machinery and transport, grading, weighing and packaging equipment. Also on show will be equipment for moking starch and loodstulls out of potatoes, for selecting and growing seeds and se on.

'For open world trade and technical progress'

Nexty 6,000 firms from variof countries will oliand the Liprig autumn fair, whose motto b "For open world trade and lechoiral progress", fair direcin Signified Flacher told of Reilin press conference. On those will be the lalast achievemed in microelectronics, on less vital to the booslieg of parties will be showing elactmaic chemical and motor prodedit as well as research and medical instruments, textile water, and lactories. Tajikistan

and Volgagini will have soperata displaya.
As before, the other socialist countries will show their latest products. 250 machine tools and machinea. products of bilsteral and multileterol cooperation will testily to the growing cooperotion between the lieternal nations in developing the lates technology. There will olso be big displays from West Gar-

mony, the USA, France, Japan, Ausirle ond other enpilalist countries.

A & pm. Mairo Prospekt Mar-Childreo's Sparts Grounds (Luzhnikli. 14, 15 — Interna-

Especialist Exhibition Helt (18 iolaichesky Vall. An exhibibot of wooden and Iraditional an loraliure from Laos. 10 e.m. all 6 p.m. Malto Sokolniki.

_SPORTS _

SPORTS FESTIVAL Lenio Ceolral Sladium. 13 -

ha sports festival marking All-unon Physical Culture Day Indides the Moscow Internation-Peace Marathon race (at in his volleyball ond bas-bibil displays, skele-boarding. CONCERT HALLS as the clark tends champion-Mr. meets between teams o children, oad youth a be soil schools (at 10 o.m.).

> FOOTOALL Luge Sports Arene (Luzhai-Macow Spariak ve Thillisi 100mg. 8 p.m.

Olimplisky Sports Complex

WEATHER

expected to change to weether with occasional rain. There will be little chauge femperelure: on August 13 1 will range in the devime from 23°-28°C sed later from 21°-25°C. Veering breeze at the begioning of the period, lete. W and SW wind, 3-7 mps. parlod, leler

TRANSPORT HOURS

liolleybutes 6 a.m. lo 5 a.m. Fare 4 kopekt. Bues 6 a.m. fo \$ a.m. Fare 5 kopeks. liams 5.30 a.m. to 1.30 a.m. Fare 3 kopaks. Talls 24-hour service Iwenly kopeks on the meter to begin, plus 20 kopeks par kilometre.

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piled the equipment; the GDR

and Romania aupplied the structures for the building while Bulgaria provided the wall and roal panels. The suspended cari-

ing came Irom Hungory. Workers from the Saviet Union.

Bulgeria, Hungary, the GDR and

Poland worked side by side an

first industrial locility to be built under the coordinated plan

lor muliflaterol integration mea-

sures aponsored by CMEA. The plan is being successfully fulfilled. The socialist countries one

building o nickel foctory in

Cuba ond conductlog large-scole

geological prospectiog in Mon-golie. A great deal is being donc in Visinam to develop the local power, coal, oil and goa indusi-ries as part of CMEA coordina-

The Ust Illimsk factory is the

YOU CAN NEVER GO WRONG WITH AFROFLOTI

Cellulose factory in Siberia: a joint venture

The Ust-Illmsk cellulate foct-

ory on the hanks of the Siberl-

on Angara River is now produc-

ing 1,100 tonnes of bleoched cel-

luloss o day. This lactory la tho

Irles: Ilia USSR, Bulgario, the GDR, Hungary, Romanio, and Poland. Each receives a shore

of the output.
The joint construction was

divided up os follows. The USSR

lesigned the project and sup-

Contacts

and contracts

in accordance with the contracts concluded by Stanko-import with Bulgerla, Hungary and the GDR, large beliches of Soviet-made matel-cuiling and

meloi-removal machine loois are to be delivered to those coun-

olly controlled machine lools,

aulomolic muliispindle machines, and other high performance

equipmoni, as well as press lorging plant.

O Under the controls concluded by Machinolmport, with the lim of Kone, Finland, and Misubishi, Japan, equipment for illis and escalators for office

s in 1983, including numeric-



and EVENTS

Variety art. Vladimir Danilin, ol the USSR, has won a Grand Prix at the 13th International lartivat of modern magic at Kartovy Vary. Csechoslovakis. Competing were 600 entrants from 16 countries. Children ware a privileged group at the testival — on mealing someons waaring the testival bedge they could request an immodiate show at his skill.— for the lestival charter made its them. fival charter made il obligatory to comply with their wisher.

Broks. The publication of a unique 45-volume American Liferature Series confinues in the Saviet Union. The latest volume la fha raries containing sharf riories by Hanry fames, the American classical writer, was sold out within a lew days. And this despife the lact that a two-volume edition of works by the same euthor was publi-rhed in a large edition, earlier in the year. Apart from books devoted fo individual writers, collections of Americae poelry, dramaturgy and folklors have ofready been published, or ere being prepared, for publica-

JOAQUIN MURIETA FILMED AND STAGED

Each one of the 120 feature Illms released every year by the Soviet Union's 19 studios is watched by tens at millions of Soviet people. A new tilm 'Tho Star and Death of Jnaquin Murieta" is now being shown in cities and villages all over the country-it remains to be seen whether it will be a hax-office

The legend of Josquia Mu-rieta the baroic Latin American, the ilalender of the deprived

and nable papuler avenger, bes been alive for over a century. The pramioent Chilean poel Pablo Naruda wrole a dramatic poem based oo iha lagend, lt was made loto o play by the Moscew poet and trenslator Povel Grushko and Into e rockopera by composer Alexel Rybnikov. This rock-opera version of the legend, directed by Mark Zakharov, le to be seeo el the Lesin Komsomol Theatre. It is en extremely successful produc-tion. It is also parformed by The Moscow Plastic Drama Boaemble. It has been recorded by the Melodia Company and

A abow of about o 100 posters by coelemporary Amaricao artisi Phil Risbeck, who is also prolesor al Celorado Siale University, is sow to be seen in Moscow. The works on display are molaly edverlisemeets for concerts, exhibitioes, festivals, and films. Two posters are dedicated to Americao producilons ol Chekhov's ploys, "The Three Sisters" and "The Charry Orchard". Risback, whe is here at the lovitallon of the USSR Ariista Union, will also visit Leelogred, Thillst end Yerevan. Our phato depicts . poster for an American production of Chekhov's

Three Sixlers"

the Latin American folk hero bas been illused. The unusical film drama "The Star and Death

of Joaquin Muricio" hos bean produced at the Moscow Gorky Film Studios by the young producer Vladimir Grammalikov.

Jaaquin la played by the taleoted Aodrel Khorilonov. I lbink the film is good, the popular Moacow aciress, Irine Miroshnichetiko said alter ace-ing it. It is a blend of the lyrical and epical. It blends the lote of Joaquin Murieta ond the fole

of bla people, bla personal life end the march of blatory, resulting in a generalization which clearly shows the impact of

Moscow's latest second stage

Mony Moscow theotres over the past few years have acquired second stages: the Arl Theatre, the Mossoviel, the Malaya anoya ond the Yermolova theatres, for instance.

These amaller atages broaden the company, ollowing it to ex-

Now the Stanislavsky ead Nomirovich-Danchenko Musical Theaire has opened its own second atage to the thealre (oyer. The opaning performance was the opera "il campanello di notte" by the lialian composer Clusappe Donizetti, wbich was given its first Moscow produc-

The produces Olgo Ivocova ahowed ingeouity in the use she made of the interior of the loyer, the bright costumes making up for the lack of decor.

The opere is conducted by Vladinir Kozhukhar, the theaire's chiel conductor,

The thealre plans to produce both little known classics and new Soviel compositions on its nd stage. Igor KAZENIN WHAT'S ON

Our phologropher, Borla Konimae, capitues two moments for

performances now being given by the Moscow Stale Oalid on he the Lenia Stadium Paince of Spuris. A tragment from the "Links"

Suile" (right), and "flariequie", a chorcographic compailes performed by soloist Zolyar Shukiruv.

August 13-15 worker who decides in

__THEATRES__

Stanislovsky and Namtrovich-Donchenko Musical Theetre (17 Pushkinskayo Stj. Guest performonces by the Sverdlovsk Thoeire of Musical Comedy. 13 Grokbovsky, 'The Cook". 14 (mol) — Pellamon, "Saries of Obstecles". 15 — Offenbech,

Le voyage dans le lune". Chamber Musical Tasaire (7) Laningradsky Prospeki). 13 — Poshkevich, "The Miser". 14 — Strovinsky, "The Soldier'o Tele", Moscow Ministures Theatre (parforming at the Mirror Thentre of the Hermitage Gardens, 3 Karelny Ryodi, 15 — Zhvenel-sky, "Selected Minialures",

_ FILMS ____

End to a Quiet Lile (Mosfilm. Studiosj.

About e young min, who jazzed up life for his fellowvillegers. Cineme: "Rodina" (5 Semyo: eovekaye Sql. Metro Semyonov-

_ EXHIBITIONS Moscow Art Theelre Man етувеново Темпа). An exhibition of the state of t Happy Landing (the CDR).
About the amusing adven-

Daily, except Monday

MN INFORMATION NO

his leave of a part

Cinama: "Zerysdys" (1 list voretskoyo Embanamani list ro Piosbebad Nogina.

Ceetral Conceri list (1

skyoreiskayo Embaniment 14, 15 — "Changing labora"

rhythms" — e dramailso on show. The Moscos R

House displaye its ass

in the loyer: various lions, and performances dia records are also on 7 p.m. Melro Ploshchad its

tional irlandly melches between USSR-US youth teems. On 14ol 4 p.m., on 15 - ol 5 p.m.

(Metro Prospeki Miro). 13, 14, 15 - mess ekating on ics in the covered stadium. On 13 and 15 - ef 8.30 p.m., on 14 - at 1.30 p.m.; 4.30 p.m.; 7.30 p.m.

August 13-15

Dry and fair will some dood,

buildings, holdis, etc., will be delivered to light country from Piniond, and powerful freight lills from Japan. Melro & a.m. le § a.m. Fare 5 kopeks. O Legge contracts signed by Mashpriboriniorg provide for the idealivery to Bulgaria, in 1983, of Soviet Instrumentation, including aptical electronic instruments, Czechoslovakia is to struments, czechoslovakia instruments, czechoslovakia, czechoslova receive electrical measuring struments as well at Gazett Pellade and Insy equipment.

CONSTRUCTION

OF THERMAL POWER STATIONS WITH SOVIET AID

Thermal power stellans built in the Korean Peopla's D mod ratic Republic with Soviet aid account for over half the re-public's pawer output. Specialists from both countries are in volved in the construction of the biggest of them, located at Pukchong. When the final, Ifith unit goes into operation at this station by the end of the year capacity will have been brought up to 1,600,000 kW.

Another tharmal pows: station, now being built at Chonglin to Soviel design, will have ganerators, turbines, trensingmers, chemical water treatment lactities and other equipment supplied by the Soviet Union.

We'll never forget your hospitality

Seamen from various ships hi the roadsteod or moored of the jefftes come to spend their apare time of the House of Culture in the Par Bastern port of Nokhodka:

There ore tole of things going There ore lote at things going on there, like question and on swer resistant in the lecture half, conducted by Vasily Khadosov, trade-union leader at the Nokhadio ahta repair works and lawyer Nuna Smir nova. The half is also used for amoleur driperiormunces by people employed at local inclories.

The editing-room theta of: The leading-room thela

Intourist news

ters o wide oholce of newspopers and magazines in Brigish, Joponese, Spanish und other languages. The local bar (a. o very popular place, ico We try to make loreign seamen enjoy thomselves in our town on best they can, saye in terctub deputy director Viktor Sineintkov. We also want to Sinaintkov. We glad want to help people of various nationalities; races, religious ciueda ond political persuoetons to get olong and moke ir lends.

An average 30 people come to the club daily, with u total of some 5,000 foreign seamen.

hoving visited there laot year. Yevegoy BUGAYENKO

M IMPORMATION No. 62, 1983

